

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012245.D
 Acq On : 18 Jan 2023 14:45
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 19 00:35:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

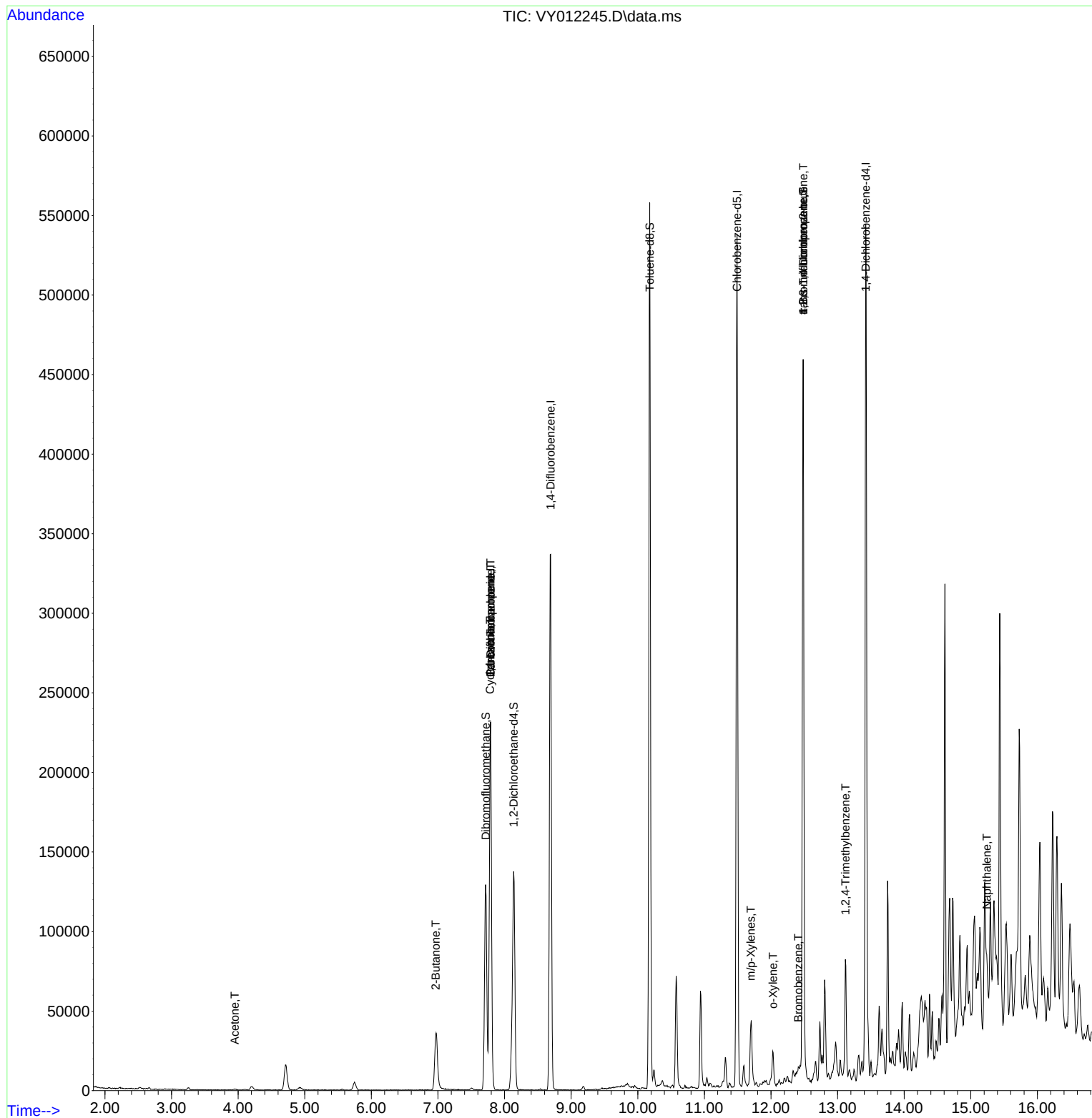
Internal Standards						
1) Pentafluorobenzene	7.789	168	188135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	307398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	303624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	100044	65.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.720%	
35) Dibromofluoromethane	7.716	113	91649	56.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.620%	
50) Toluene-d8	10.179	98	367993	66.698	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 133.400%	
62) 4-Bromofluorobenzene	12.483	95	130959	57.075	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	932	Below Cal	#	74
16) Acetone	3.948	43	1088	2.077	ug/l #	69
20) Methylene Chloride	4.716	84	12976	Below Cal		95
25) 2-Butanone	6.966	43	896	1.549	ug/l #	71
31) Cyclohexane	7.783	56	3084	1.124	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	12586	4.550	ug/l #	44
38) Carbon Tetrachloride	7.789	117	17628	4.934	ug/l #	18
68) m/p-Xylenes	11.697	106	11698	2.665	ug/l	92
69) o-Xylene	12.032	106	5921	1.412	ug/l	96
76) 1,2,3-Trichloropropane	12.483	75	67040	50.024	ug/l #	100
77) Bromobenzene	12.410	156	6026	2.383	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	67040	103.072	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.117	105	40278	4.471	ug/l	100
95) Naphthalene	15.239	128	21576	3.801	ug/l #	90

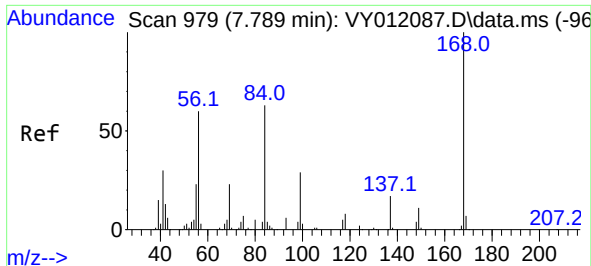
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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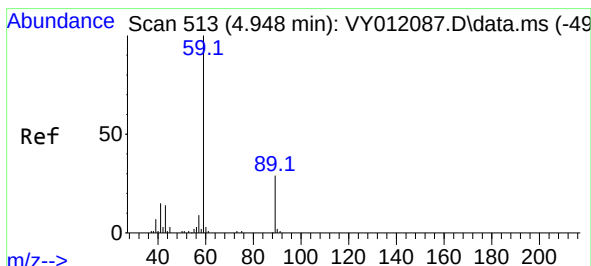
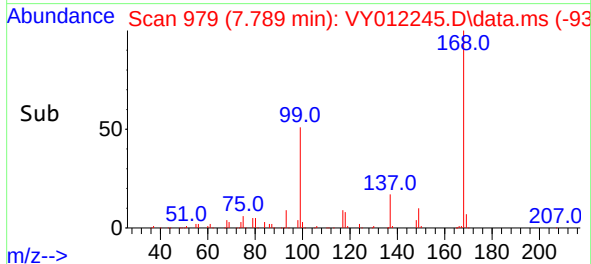
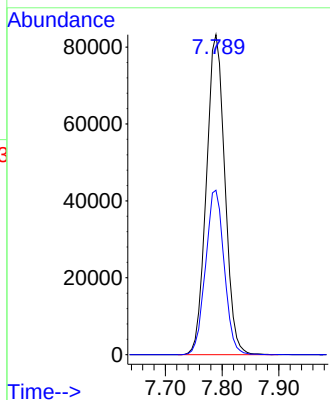
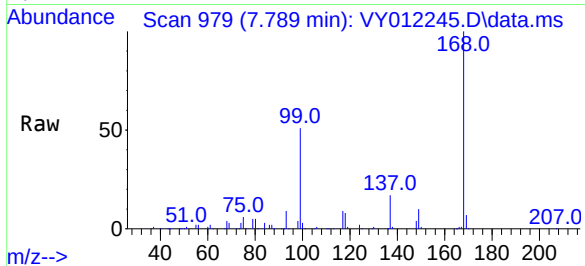




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

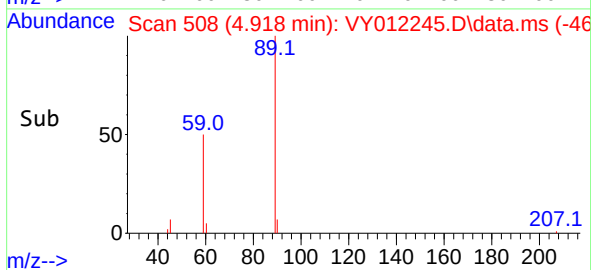
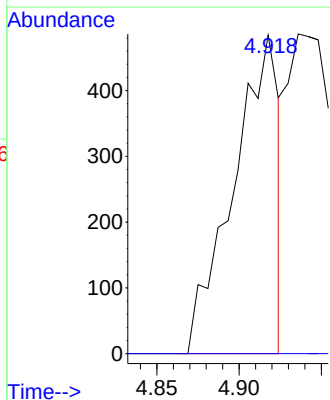
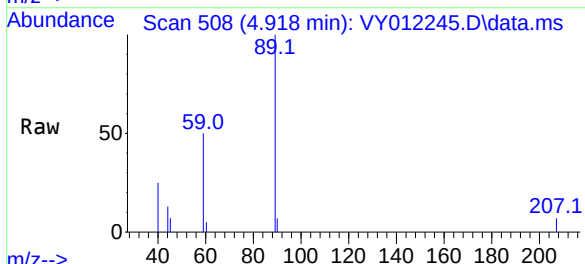
Instrument :
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VIBLK

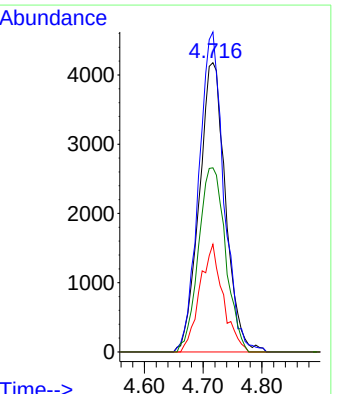
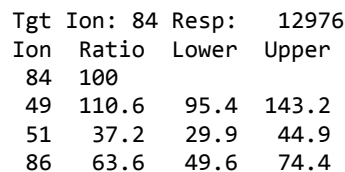
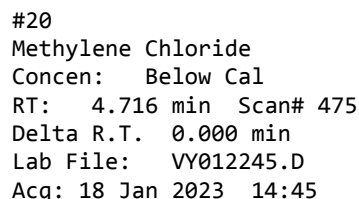
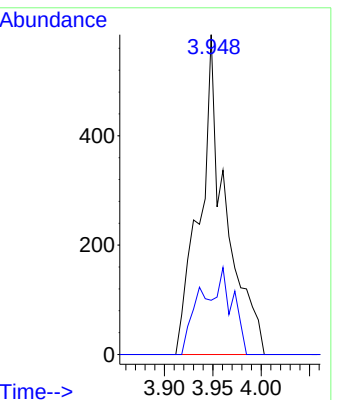
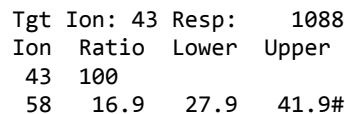
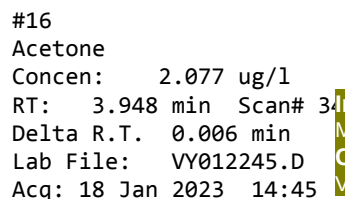
Tgt Ion:168 Resp: 188135
Ion Ratio Lower Upper
168 100
99 51.4 44.0 66.0

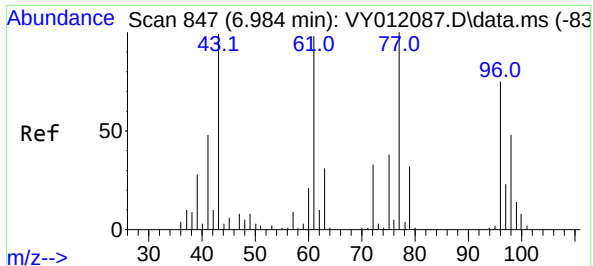


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Tgt Ion: 59 Resp: 932
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#







#25

2-Butanone

Concen: 1.549 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY012245.D

Acq: 18 Jan 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

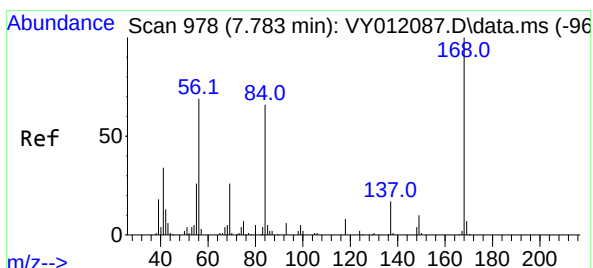
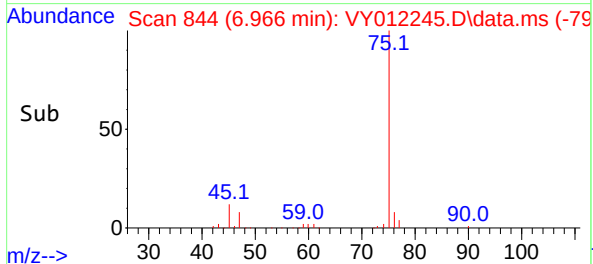
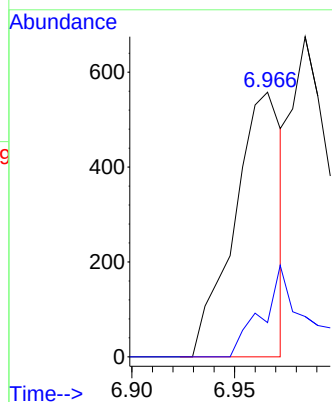
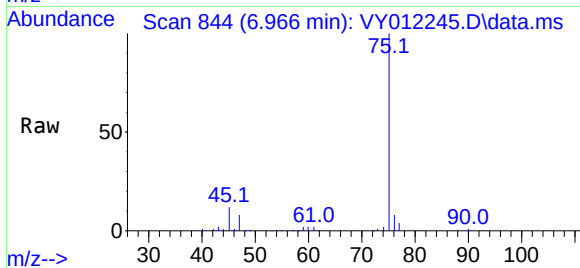
VIBLK

Tgt Ion: 43 Resp: 896

Ion Ratio Lower Upper

43 100

72 12.9 22.6 34.0#



#31

Cyclohexane

Concen: 1.124 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012245.D

Acq: 18 Jan 2023 14:45

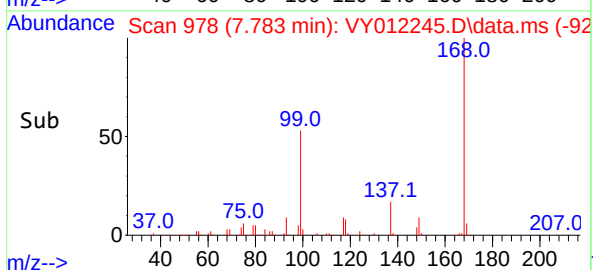
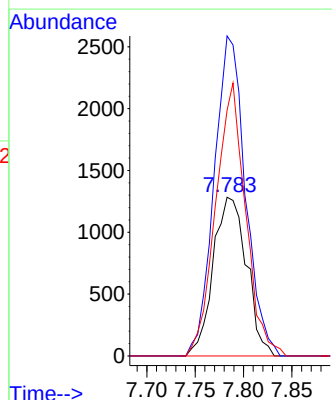
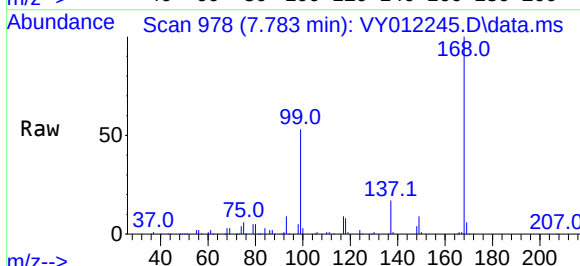
Tgt Ion: 56 Resp: 3084

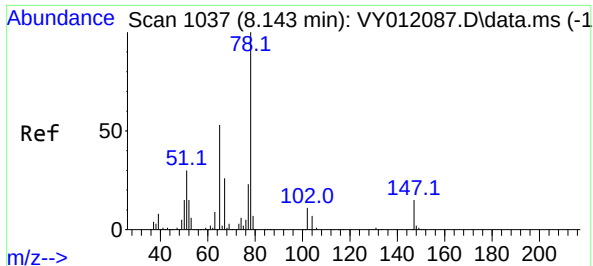
Ion Ratio Lower Upper

56 100

69 201.7 29.2 43.8#

84 154.8 72.6 108.8#

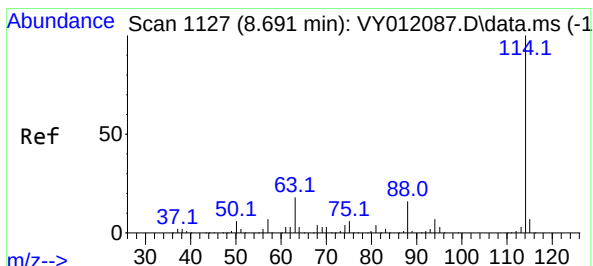
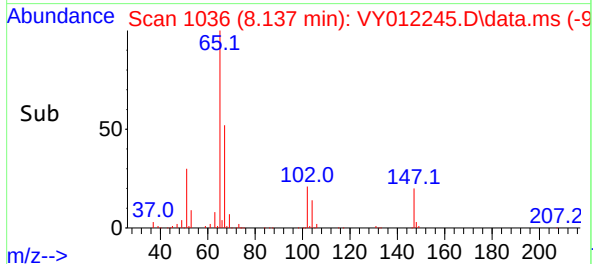
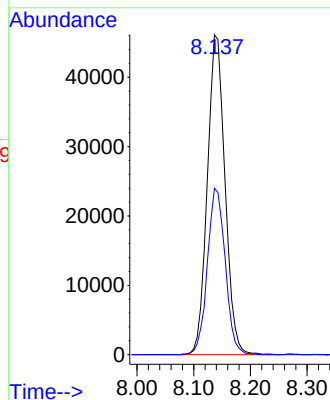
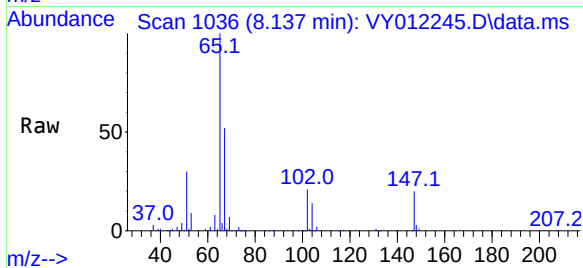




#33
1,2-Dichloroethane-d4
Concen: 65.362 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

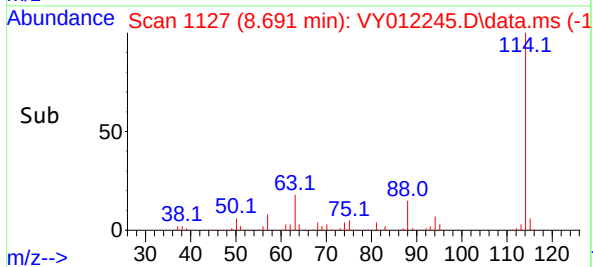
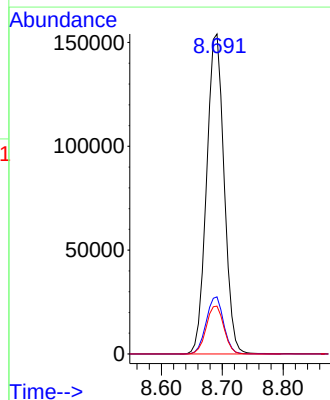
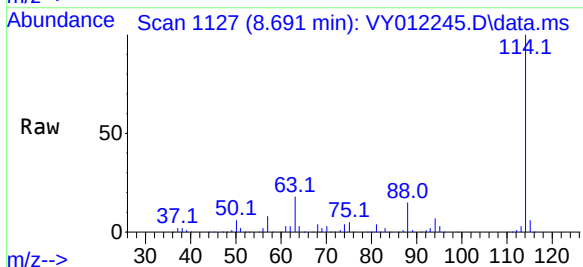
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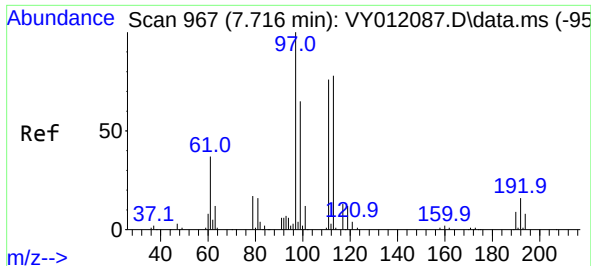
Tgt Ion: 65 Resp: 100044
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Tgt Ion: 114 Resp: 307398
Ion Ratio Lower Upper
114 100
63 17.8 0.0 39.6
88 15.0 0.0 32.2

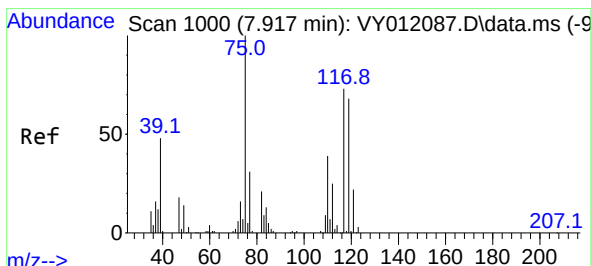
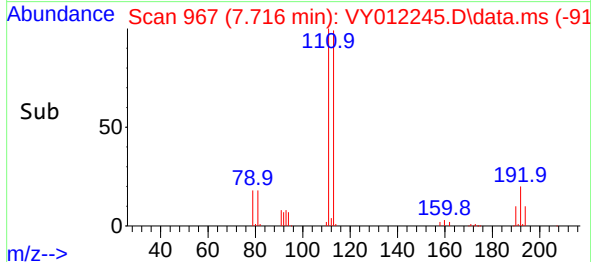
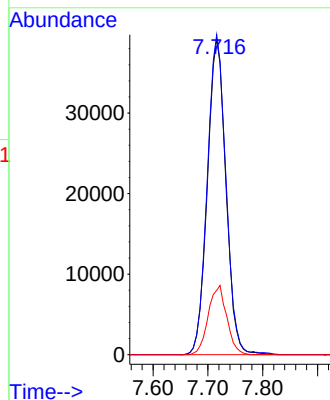
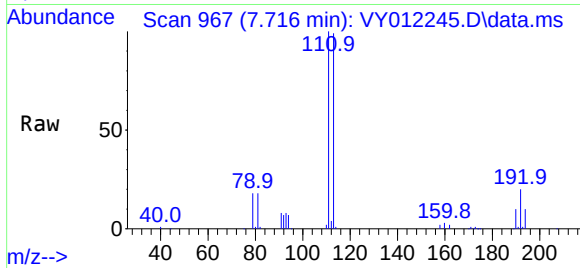




#35
Dibromofluoromethane
Concen: 56.307 ug/l
RT: 7.716 min Scan# 916
Delta R.T. -0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

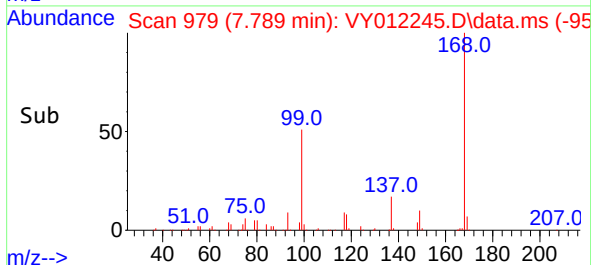
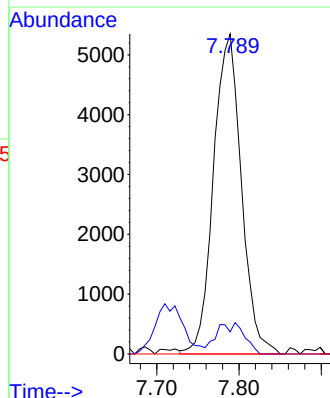
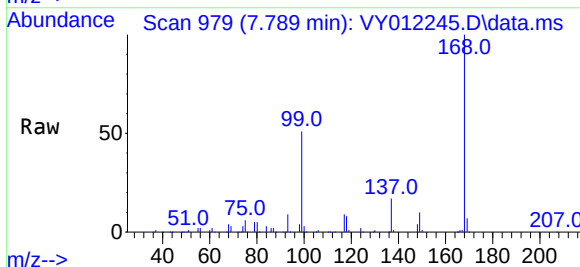
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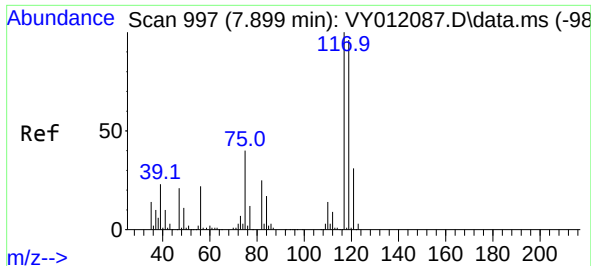
Tgt Ion:113 Resp: 91649
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.4
192 21.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.550 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Tgt Ion: 75 Resp: 12586
Ion Ratio Lower Upper
75 100
110 3.7 18.1 54.1#
77 0.0 25.1 37.7#

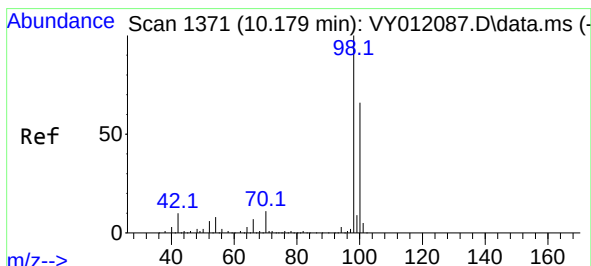
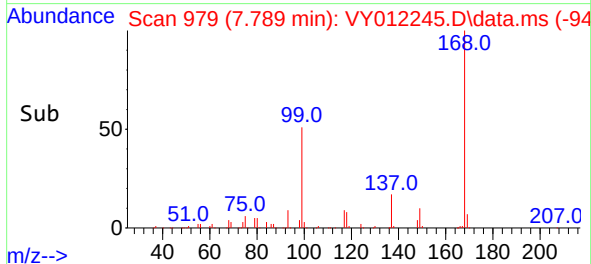
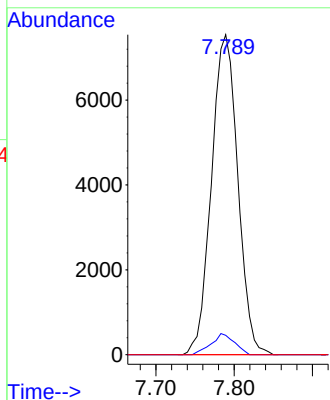
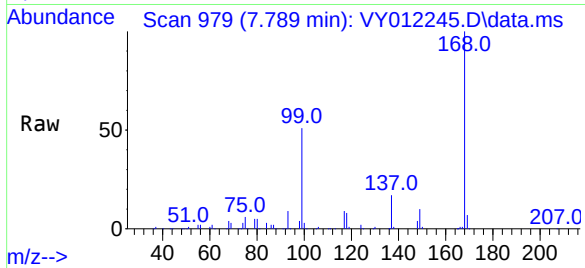




#38
Carbon Tetrachloride
Concen: 4.934 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

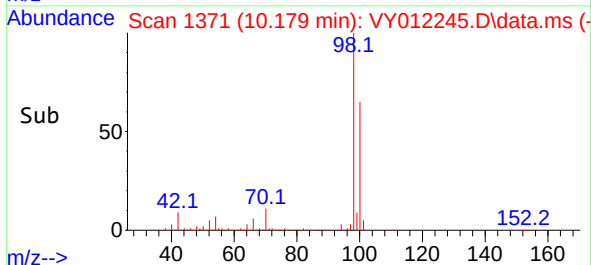
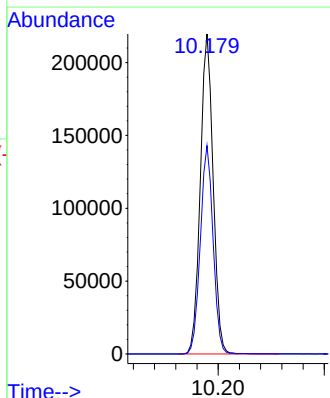
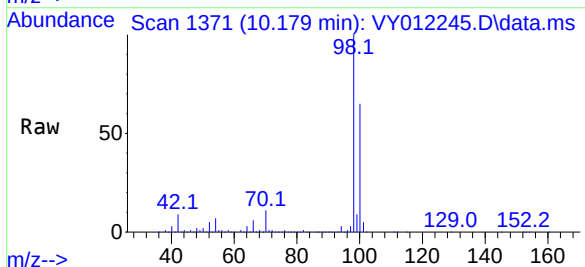
Instrument :
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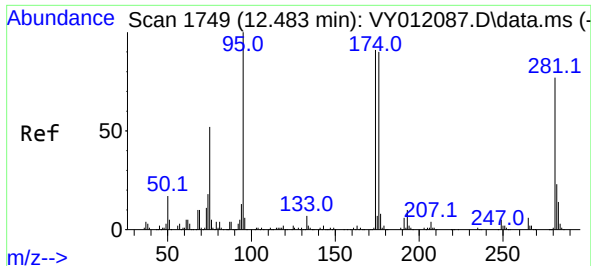
Tgt Ion:117 Resp: 17628
Ion Ratio Lower Upper
117 100
119 6.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 66.698 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Tgt Ion: 98 Resp: 367993
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

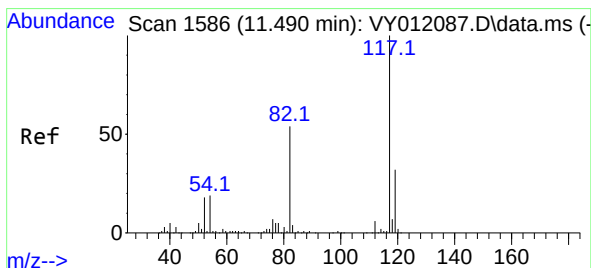
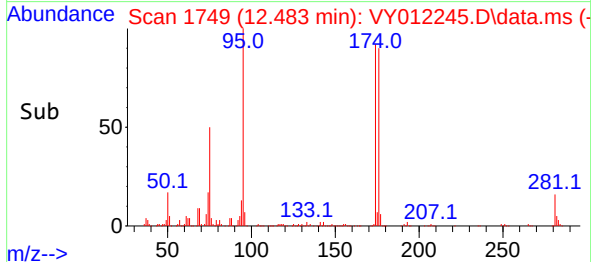
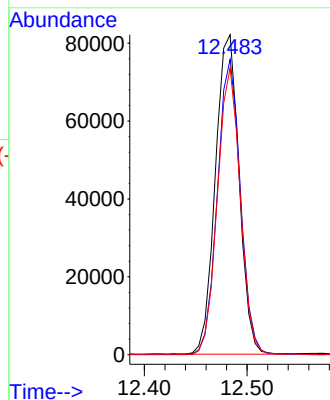
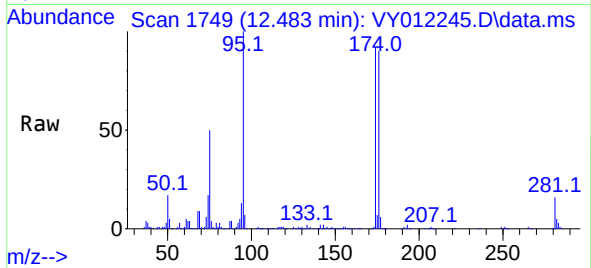




#62
4-Bromofluorobenzene
Concen: 57.075 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

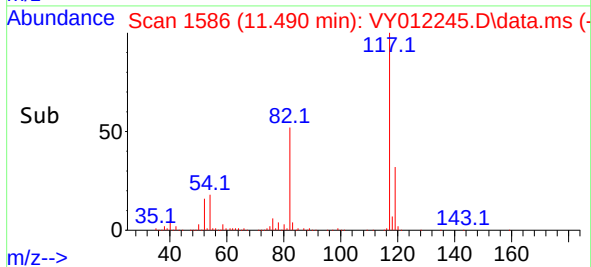
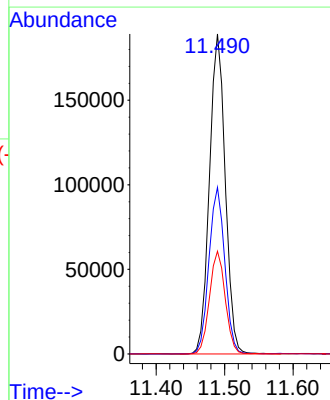
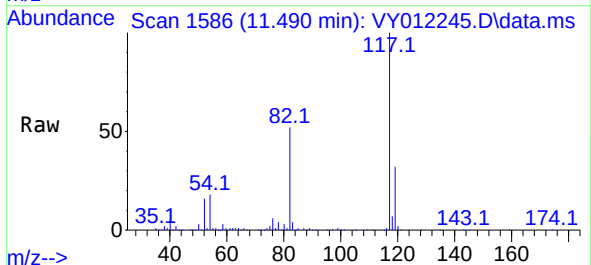
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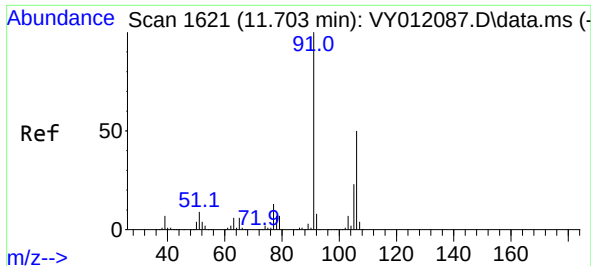
Tgt Ion: 95 Resp: 130959
Ion Ratio Lower Upper
95 100
174 89.8 0.0 172.0
176 86.4 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Tgt Ion:117 Resp: 303624
Ion Ratio Lower Upper
117 100
82 52.0 44.8 67.2
119 32.1 25.4 38.2

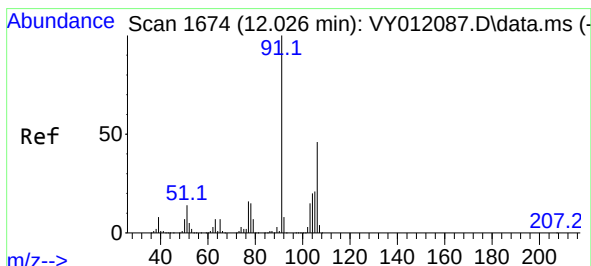
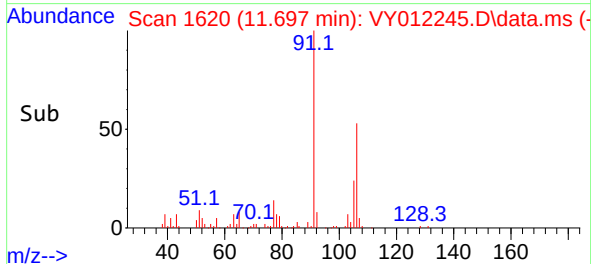
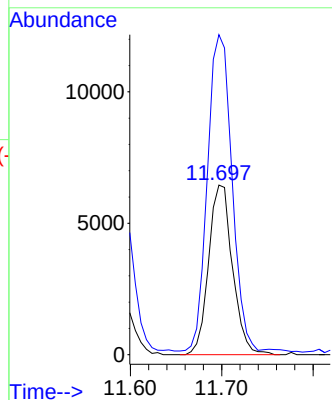
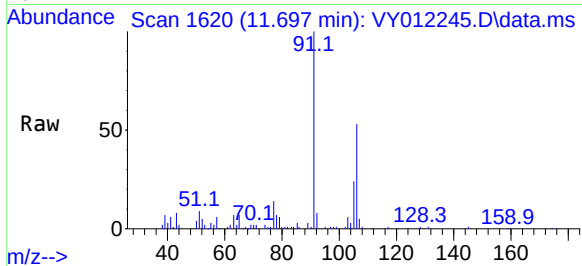




#68
m/p-Xylenes
Concen: 2.665 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

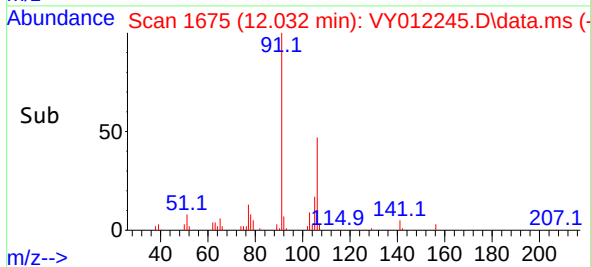
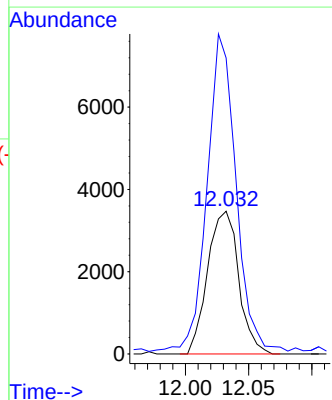
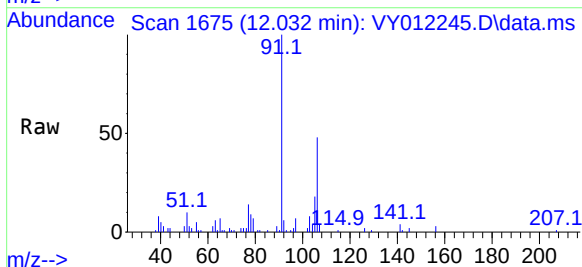
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

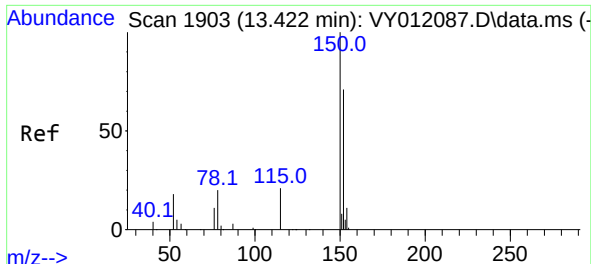
Tgt Ion:106 Resp: 11698
Ion Ratio Lower Upper
106 100
91 191.2 162.5 243.7



#69
o-Xylene
Concen: 1.412 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Tgt Ion:106 Resp: 5921
Ion Ratio Lower Upper
106 100
91 209.3 107.5 322.4



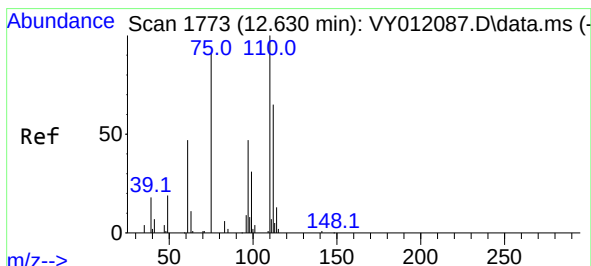
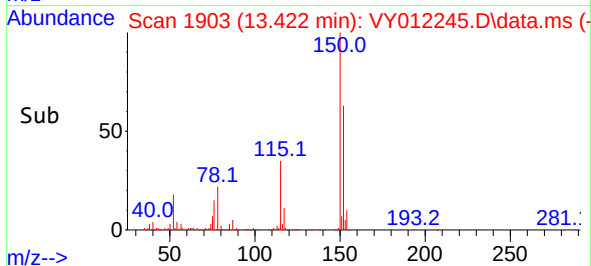
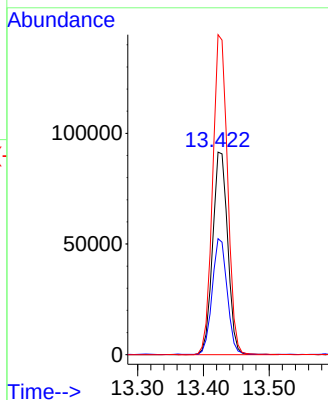
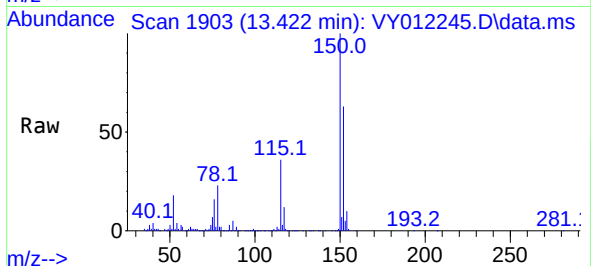


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY012245.D
 Acq: 18 Jan 2023 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:152 Resp: 145742

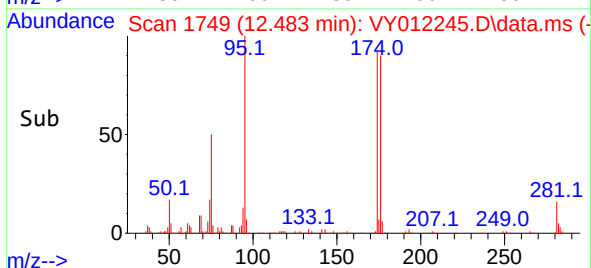
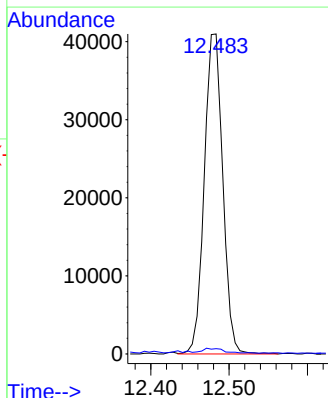
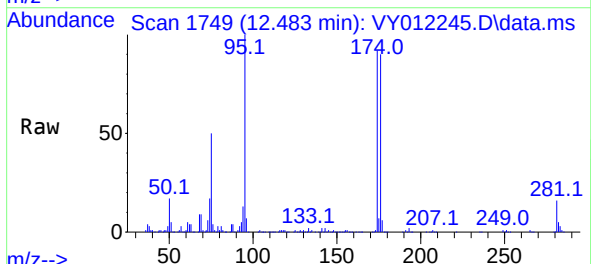
Ion	Ratio	Lower	Upper
152	100		
115	56.9	29.1	87.3
150	156.3	0.0	342.6

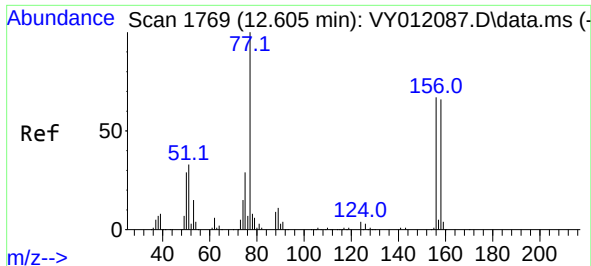


#76
 1,2,3-Trichloropropane
 Concen: 50.024 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012245.D
 Acq: 18 Jan 2023 14:45

Tgt Ion: 75 Resp: 67040

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#

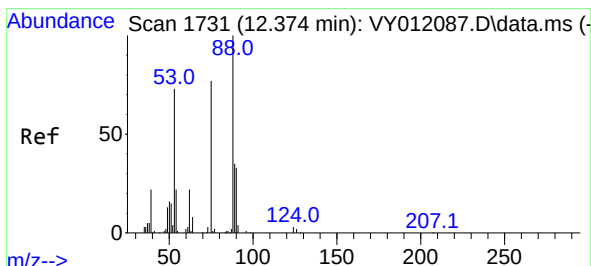
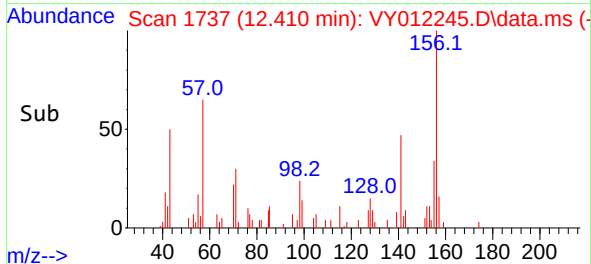
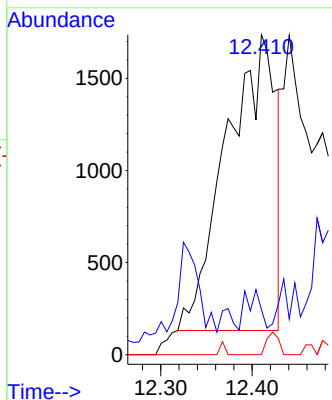
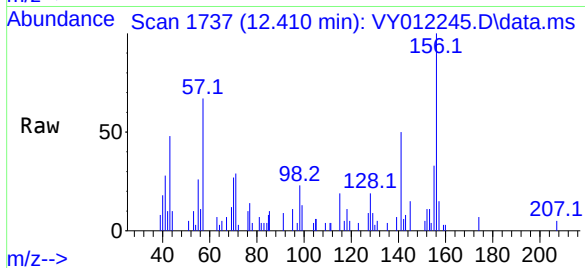




#77
Bromobenzene
Concen: 2.383 ug/l
RT: 12.410 min Scan# 1749
Delta R.T. -0.195 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

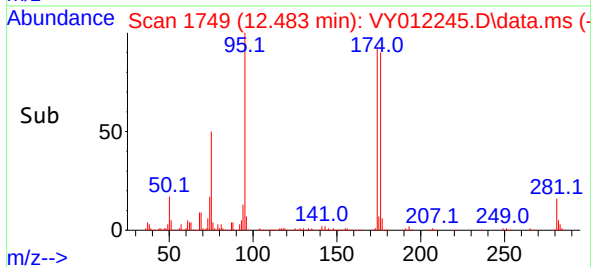
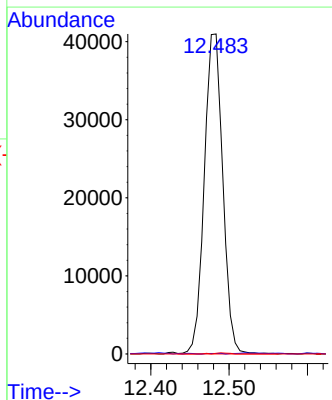
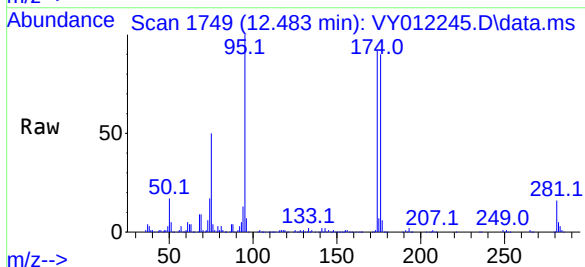
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

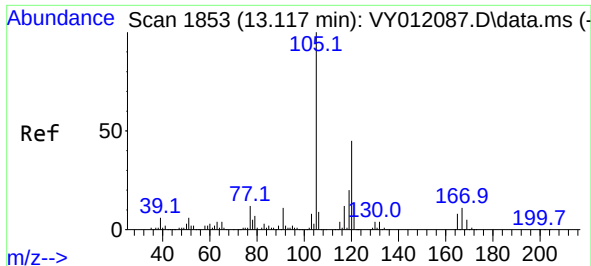
Tgt Ion:156 Resp: 6026
Ion Ratio Lower Upper
156 100
77 4.6 90.0 270.0#
158 0.0 48.4 145.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.072 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Tgt Ion: 75 Resp: 67040
Ion Ratio Lower Upper
75 100
53 0.2 72.5 108.7#
89 0.3 37.0 55.4#

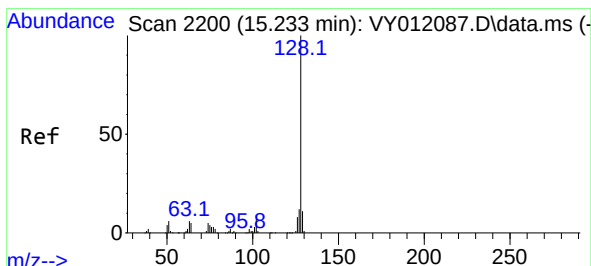
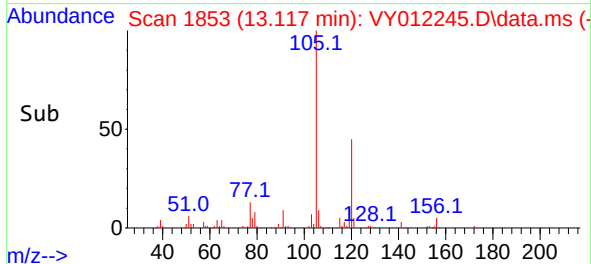
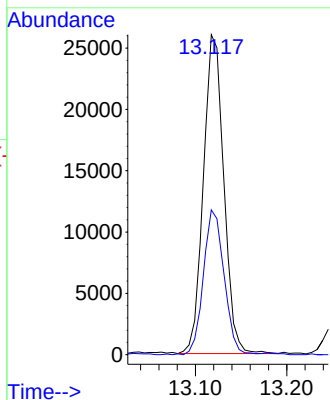
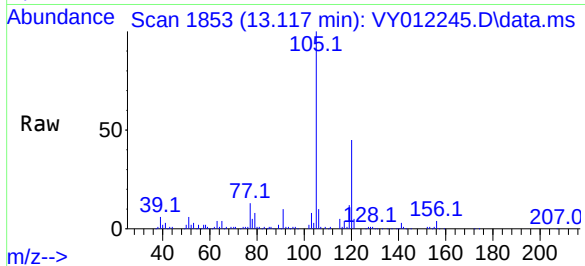




#84
1,2,4-Trimethylbenzene
Concen: 4.471 ug/l
RT: 13.117 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 40278
Ion Ratio Lower Upper
105 100
120 45.9 22.9 68.7



#95
Naphthalene
Concen: 3.801 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Tgt Ion:128 Resp: 21576
Ion Ratio Lower Upper
128 100
127 17.0 10.2 15.2#
129 14.3 8.8 13.2#

